

REVISIONS				
REV	DESCRIPTION	DR	CH	DATE APPROVAL
D0	PROD REL PER EN 3960	JN	1/20	1/10/76 P. K. L.
D1	INCORPORATE EN 4076	JN	1/20	1/10/76 P. K. L.
D2	INCORPORATE EN 4054	JN	1/20	1/10/76 P. K. L.
D3	INCORPORATE EN 4150	JN	1/20	1/10/76 P. K. L.
D4	INCORPORATE EN 4157	JN	1/20	1/10/76 P. K. L.
D5	INCORPORATE EN 4405	JN	1/20	1/10/76 P. K. L.
D6	INCORPORATE EN 4071	JN	1/20	1/10/76 P. K. L.
D7	INCORPORATE EN 5070	DS	1/20	1/10/76 P. K. L.
D8	INCORPORATE EN 5122	DS	1/20	1/10/76 P. K. L.
D9	INCORPORATE EN 5209	DS	1/20	1/10/76 P. K. L.
D10	INCORPORATE EN 5327	DS	1/20	1/10/76 P. K. L.
D11	INCORPORATE EN 5575 H	AGR AD	1/20	1/10/76 P. K. L.
D12	INCORPORATE EN 6255 H	AGR AD	1/20	1/10/76 P. K. L.
D13	INCORPORATE EN 6352 H	AGR AD	1/20	1/10/76 P. K. L.
D14	INCORPORATE EN 6899 H	AGR AD	1/20	1/10/76 P. K. L.
D15	INCORPORATE EN 6492 H	AGR AD	1/20	1/10/76 P. K. L.
D16	INCORPORATE EN 6595 H	AGR AD	1/20	1/10/76 P. K. L.
D17	INCORPORATE EN 6222 H	AGR AD	1/20	1/10/76 P. K. L.
D18	INCORPORATE EN 6729 H	AGR AD	1/20	1/10/76 P. K. L.
D19	INCORPORATE EN 6839 D	AGR AD	1/20	1/10/76 P. K. L.

PIN	SIGNAL	DIRECTION	LOCATION
PIN 201	GND	→	B8
202	GND	→	B8
203	+12V	NU	
204	+12V		
205	+12V		
206	+12V		
207	-12V		
208	-12V	NU	
209	DPIN	→	C60
210	DPOT	→	C57
211	TTLF	NU	
212	+5H	NU	
213	+5V	→	B8
214	+5V	→	B8
215	MST	→	D57
216	NU	NU	
217	MACK	→	C60
218	ZD	→	D57
219	SPA	NU	
220	SLB	NU	
221	PFD	→	D62
222	MDIS	NU	
223	AB08	→	C33
224	AB09	→	C33
225	AB10	→	D33
226	AB11	→	D33
227	GND	→	A8
228	GND	→	A8
229	AB12	→	D33
230	AB13	→	D33
231	AB14	→	D33
232	AB15	NU	
233	AL	NU	
234	BM	NU	
235	STOP	→	B57
236	SACK	→	D62
237	MBIN	→	B58
238	MBDT	→	B57
239	DB00	→	A20
240	DB01	→	A20
241	DB02	→	A20
242	DB03	→	A20
PIN 243	+5V	→	B8

PIN	SIGNAL	DIRECTION	LOCATION
PIN 244	+5V	→	B8
245	DB04	→	A20
246	DB05		
247	DB06		
248	DB07		
249	DB08		
250	DB09		
251	DB10		
252	DB11		
253	DB12	→	A20
254	DB13	→	B20
255	DB14	→	B20
256	DB15	→	B20
257	EXEC	→	B64
258	IN	NU	
259	GND	→	A8
260	GND	→	A8
261	I0CL	→	A64
262	OUT	→	B64
263	CIR	NU	
264	SER	→	B57
265	IUE	→	A62
266	ILT	NU	
267	IAR	→	B62
268	IL2	NU	
269	EST	→	B64
270	IUA	NU	
271	PLSE	→	C64
272	ECHO	NU	
273	+5V	→	B8
274	+5V	→	B8
275	AB03	→	C33
276	AB04		
277	AB05		
278	AB06		
279	AB07	→	
280	AB00	→	
281	AB01	→	
282	AB02	→	C33
283	PRIN	→	A64
284	PRFT	→	A62
285	GND	→	A8
PIN 286	GND	→	A8

PIN	SIGNAL	DIRECTION	LOCATION
J6	1 HD LOAD RN	→	C37
2 HEAD RD	→	C37	
3 DIRECT ETN	→	D37	
4 DIRECTION	→	D37	
5 LANCUR RTN	→	D37	
6 LTH CURRENT	→	D37	
7 STEP RTN	→	D37	
8 STEP	→	D37	
9 UORTN	→	B37	
10 UO	→	B37	
11 U2RTN	→	C37	
12 U2	→	C37	
13 U3RTN	→	C37	
14 U3	→	C37	
15 UIRTN	→	B37	
16 UT	→	C37	
17 NU	NU		
18 NU	NU		
19 NU	NU		
20 NU	NU		
21 READ DATA	→	B56	
22 READ DATA	→	B56	
23 WR PRODTN	→	A56	
24 WRITE FRT	→	A56	
25 TRACK0RN	→	B56	
26 TRACK0	→	C56	
27 INDEX RTN	→	C56	
28 INDEX	→	C56	
29 FILE MTRN	→	C56	
30 FILE MTRN	→	C56	
31 READY RTN	→	D56	
32 READY	→	D56	
33 NU	NU		
34 NU	NU		
35 WR.EN RTN	→	B37	
36 WRITE ENBL	→	B37	
37 WR.DAT RTN	→	B37	
38 WRITE DATA	→	B37	
39 NU	NU		
PIN 40	NU	NU	

PIN	SIGNAL	DIRECTION	LOCATION
J2	DB13	→	D19
2	Q3	→	C57
3	DBL03	→	D19
4	R800	→	B16
5	DB14	→	D19
6	DB13	→	B16
7	DB72	→	D19
8	RB90	→	B16
PIN 8	DB06	→	C20

PIN	SIGNAL	DIRECTION	LOCATION
J1	N/C		
1	ENCB0	→	C21
2	DBL04	→	C23
3	DBL04	→	C21
4	DB03	→	C21
5	DB03	→	C21
6	DB03	→	C21
7	N/C		
PIN 8	DB06	→	C20

PIN	SIGNAL	DIRECTION	LOCATION
J7	SB12	→	C60
1	SB13	→	D17
2	SB14	→	D17
3	SB15	→	D17
4	DB10	→	D21
5	DB11	→	D21
6	PRIN	→	A63
7	DB07	→	C20
PIN 8	RCLK	→	B63

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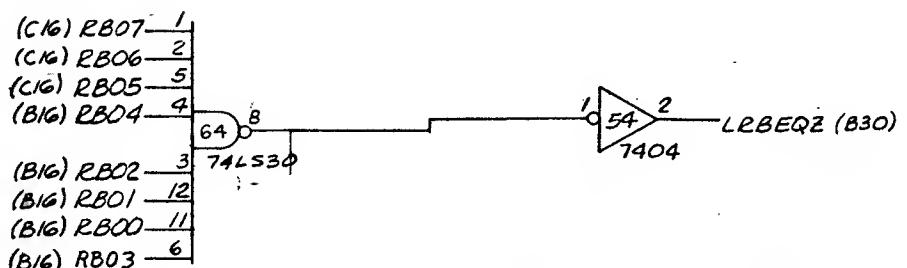
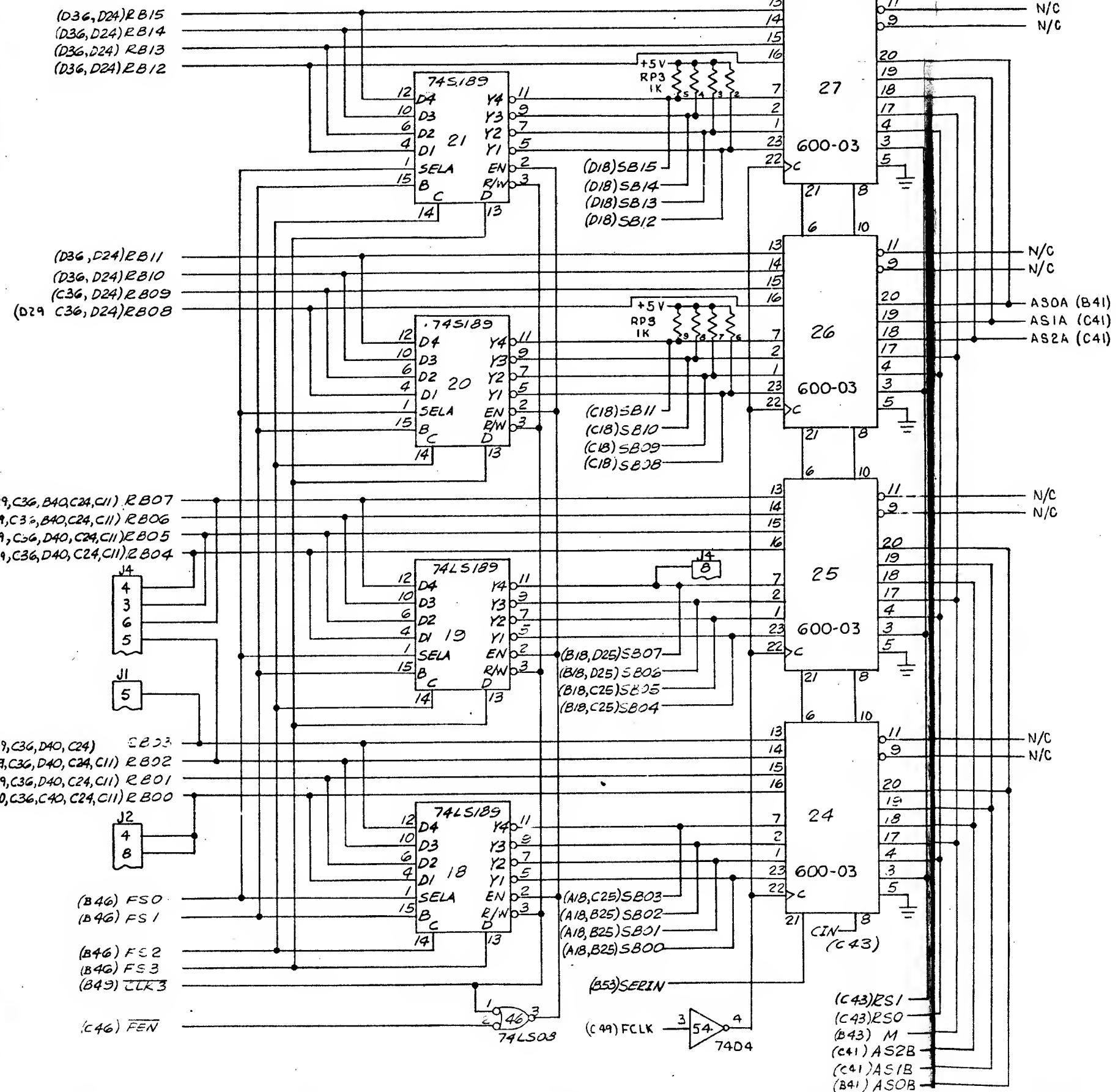
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REVIEWS

REVISIONS					
EV	DESCRIPTION	DR	CH	DATE	APPROVAL



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11 75-53566-XX REV D
SCALE = SHT. 2 OF 8

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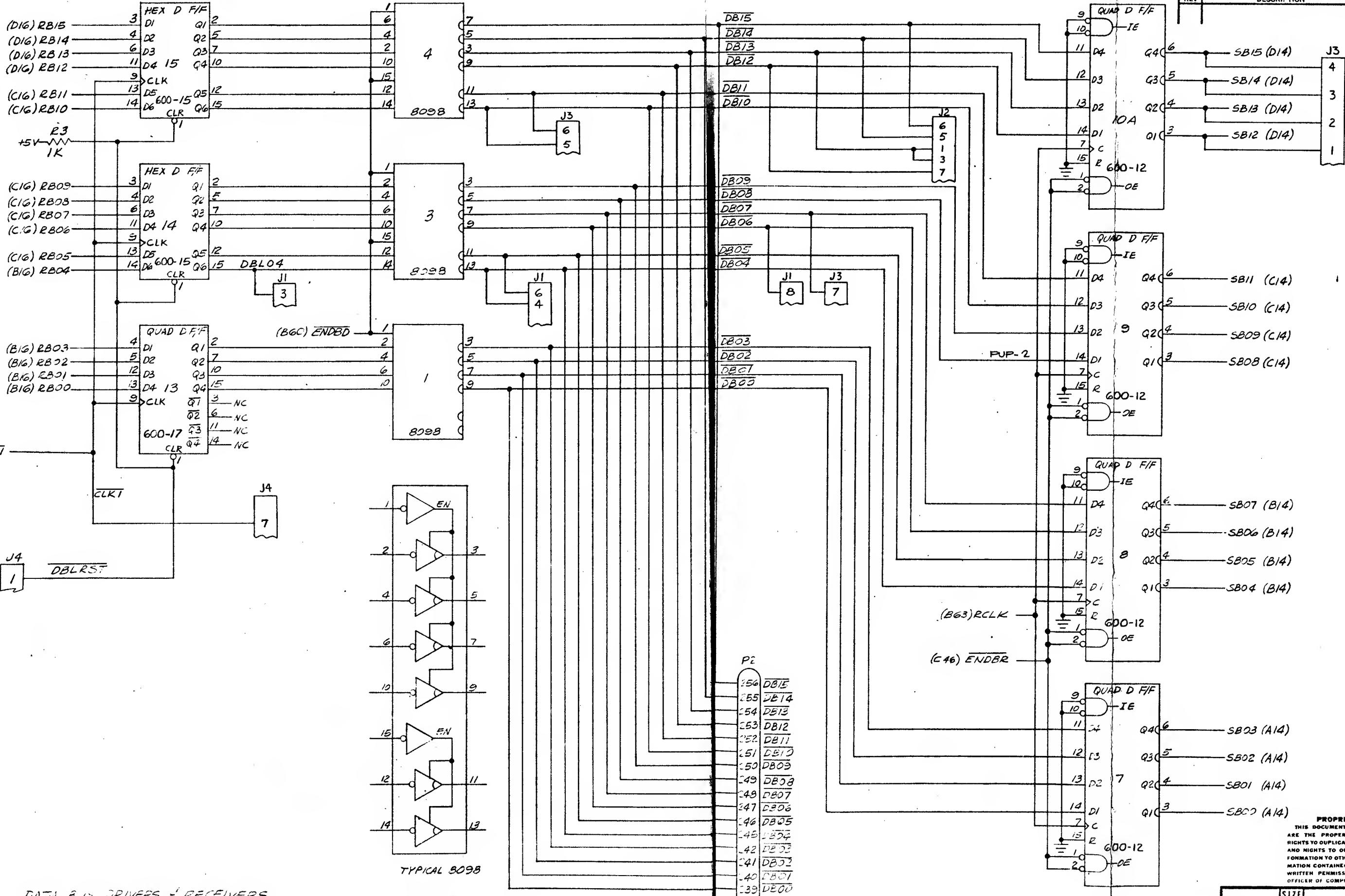
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REVISIONS

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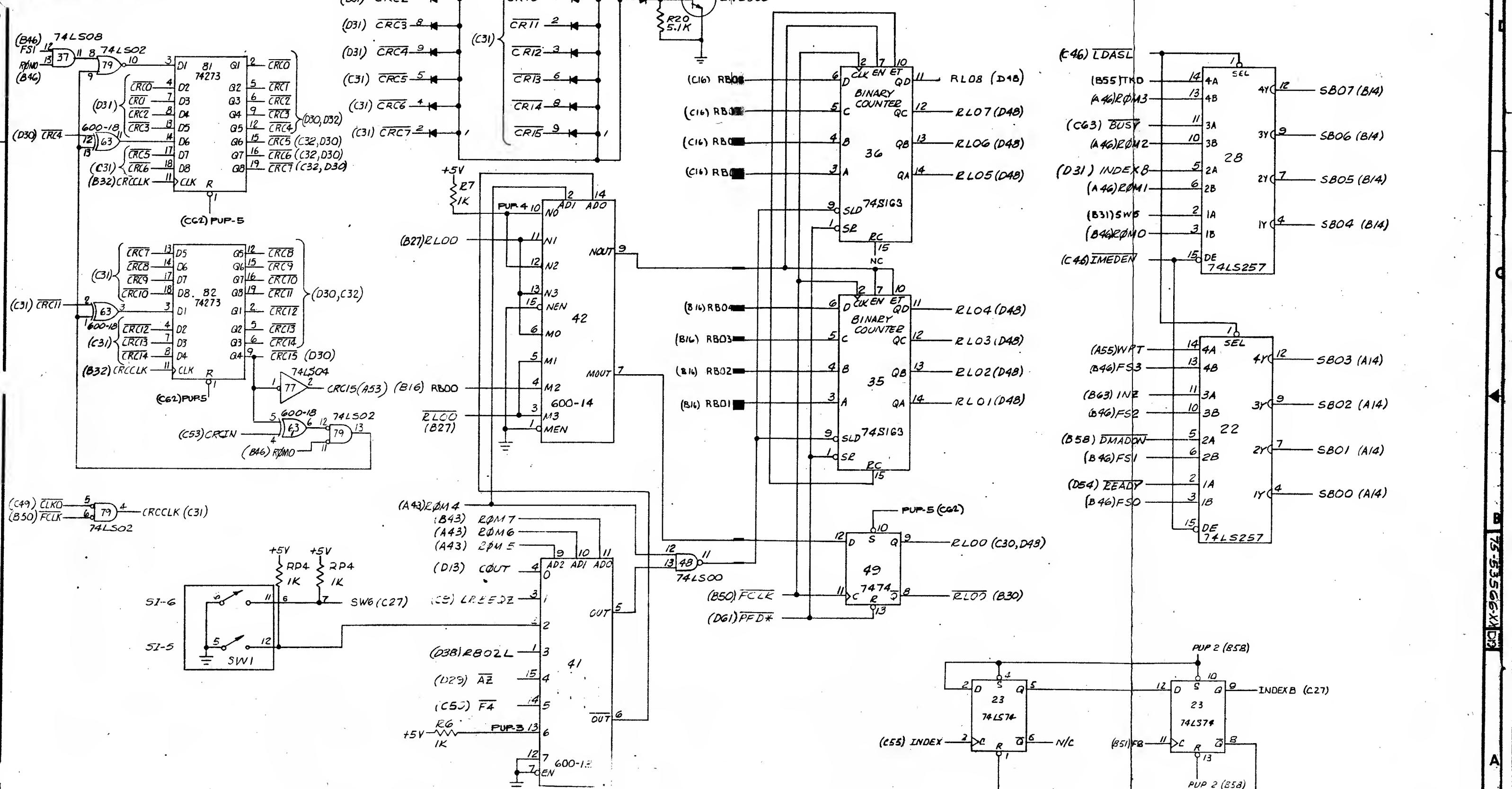


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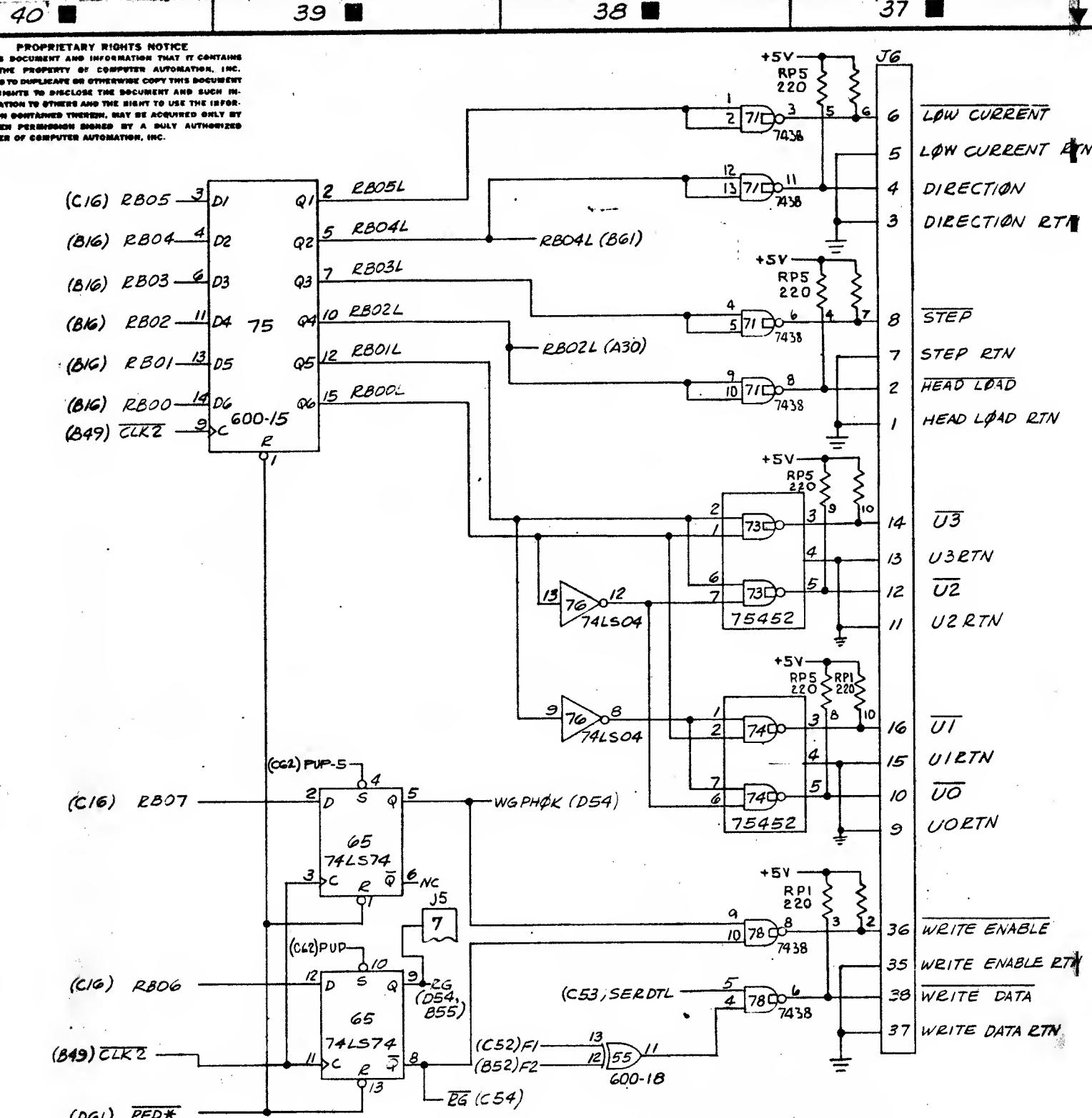
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SCALE	SHT. 3	OF 8	

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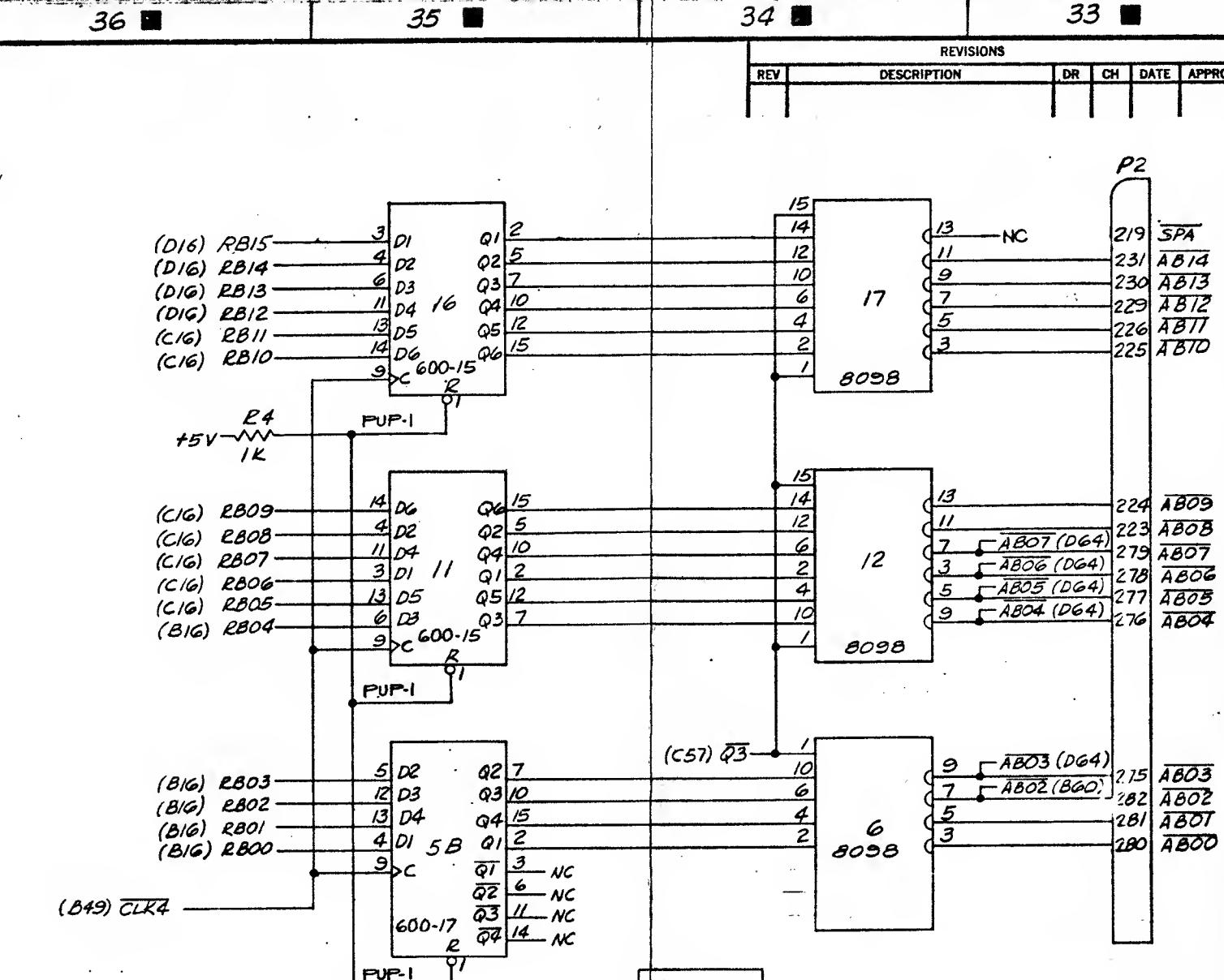


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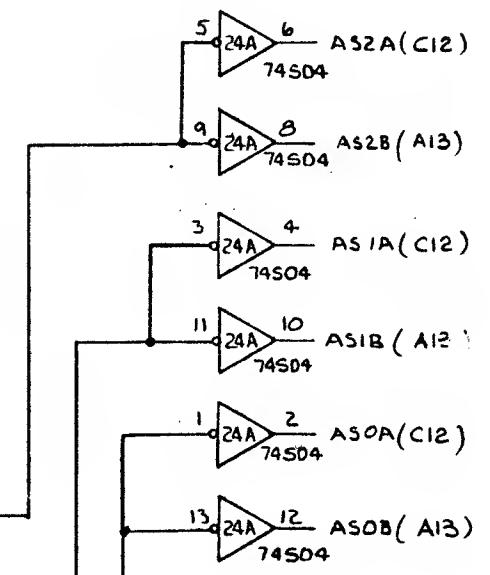
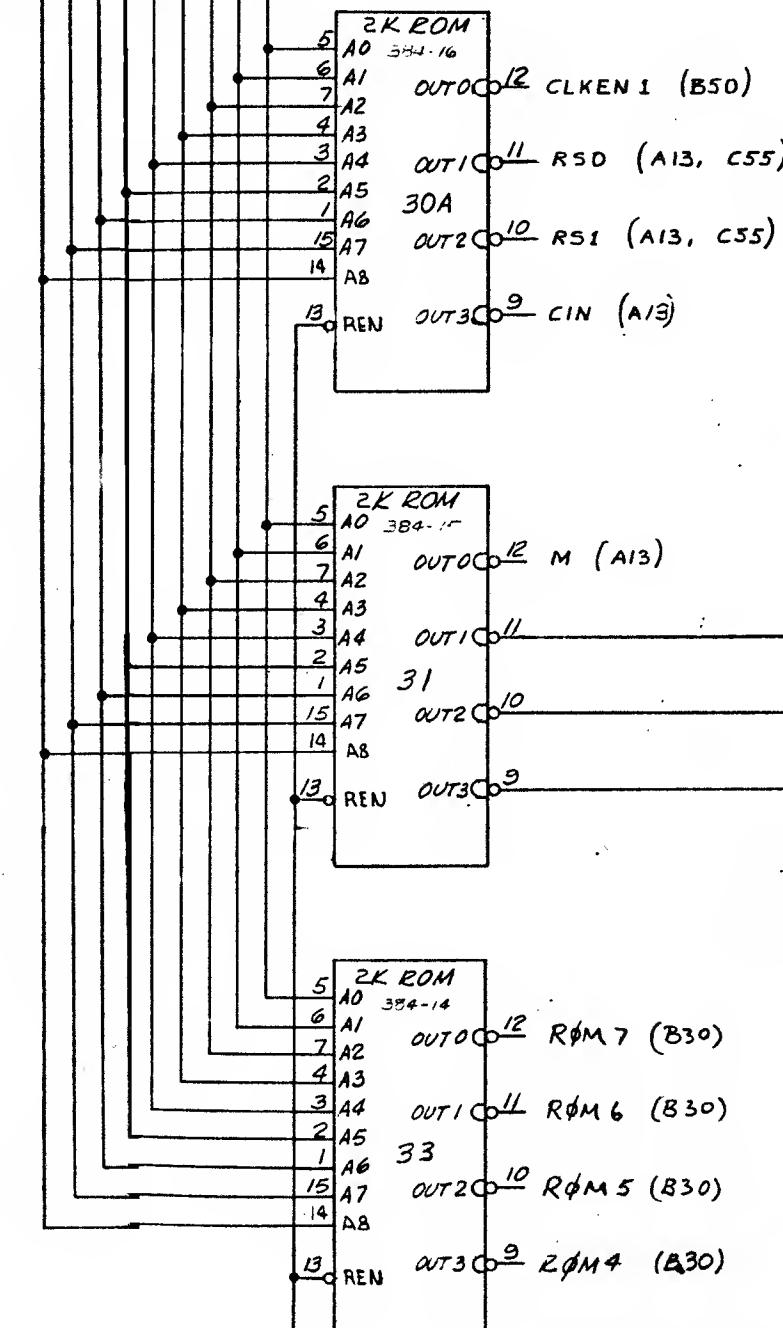
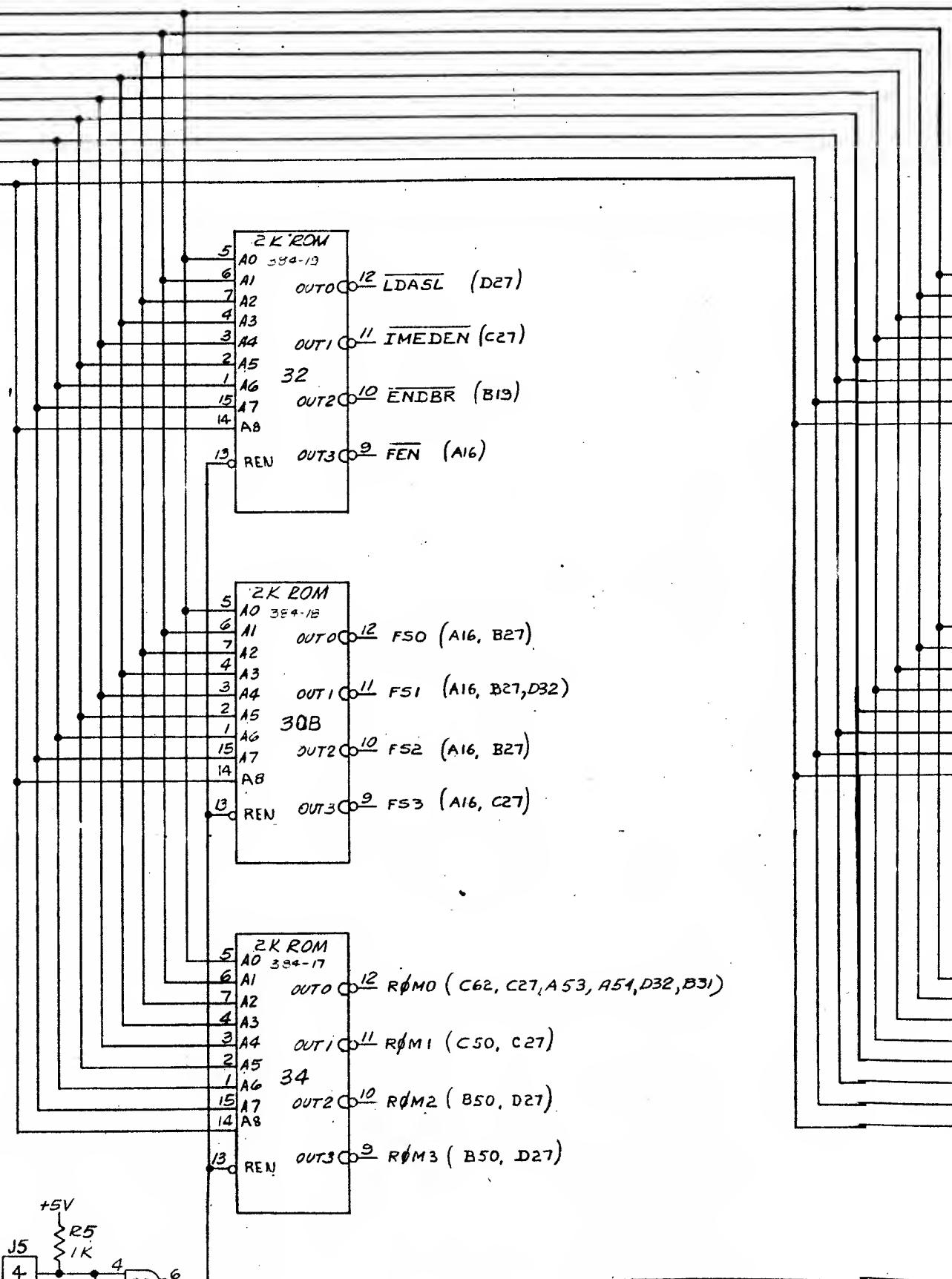
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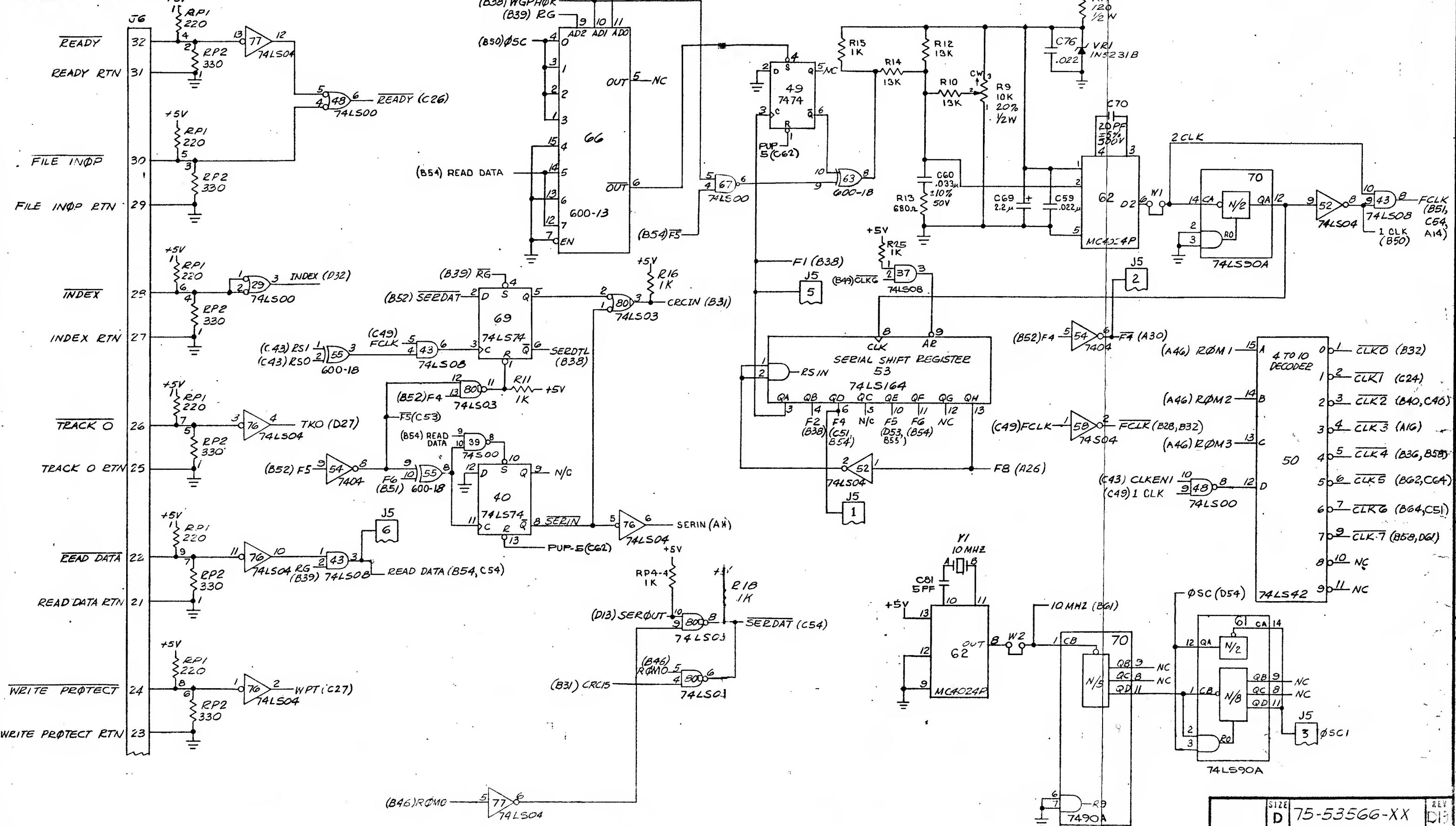
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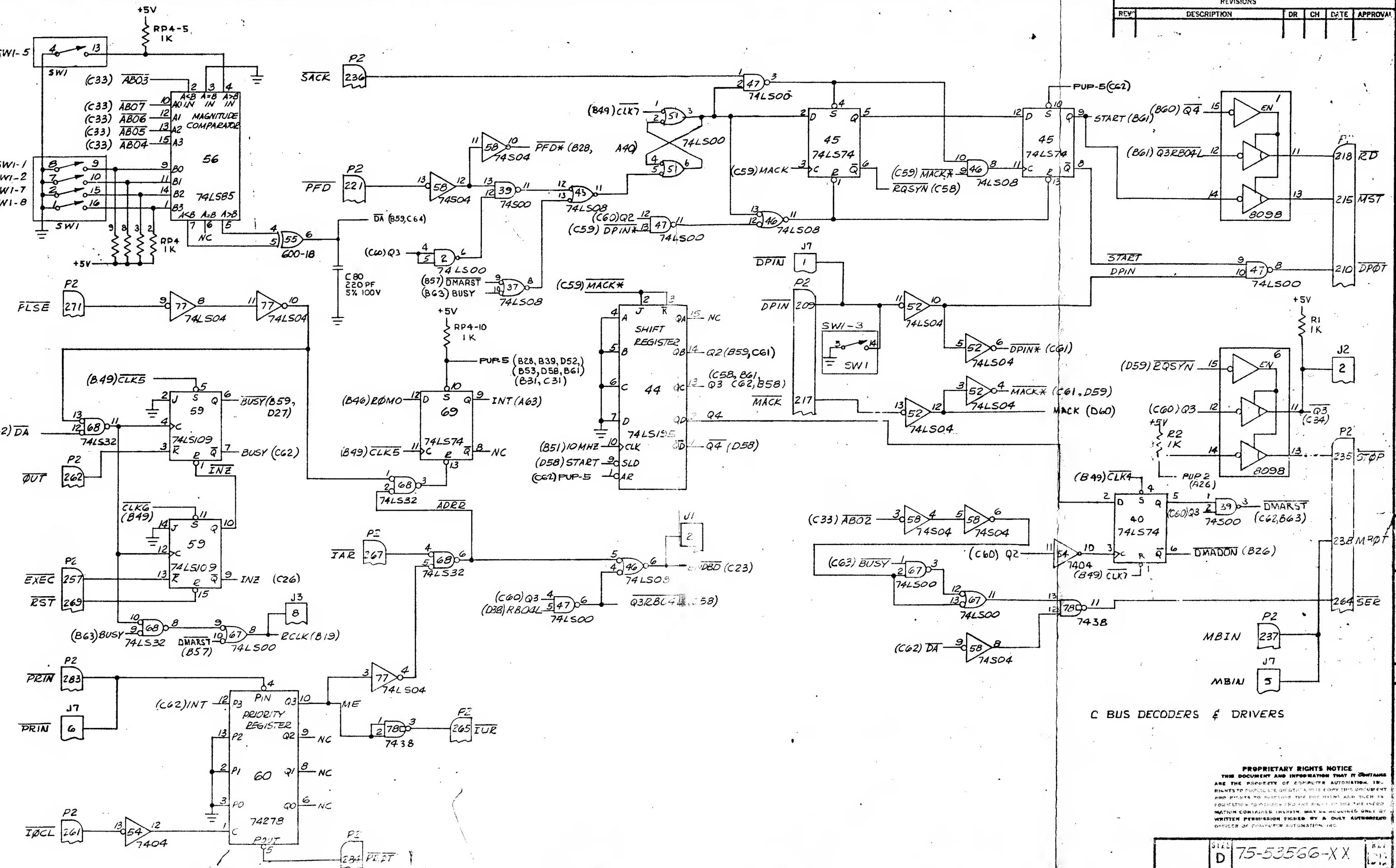


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ComputerAutomation®

18651 Von Karman, Irvine, Calif.

ENGINEERING
NOTICE

NO.

L 1916116 H

DOCUMENT NO.	REV.		TITLE	INCORP. DATE
	IS	WAS		
75-53566-XX	D20	D19	LOGIC CONTROLLER FPCY DISK	
74-53566-00	D20	D19	DETAIL	
73-53566-XX	D20	D19	ASSY	
70-53566-01	D20	D19	B/M	18 FEB 82

EFFECTIVITY NOTES:

REASON FOR CHANGE:

REA NO. 7022, 7026

01-49600-XX SERIES IS
NO LONGER IN USE.CO-ORD WITH:
REA: 7023, 7027,
7029, 7025ALL DASH NUMBERS
HAVE BEEN REPLACED.

DESCRIPTION OF CHANGE:

A. 70-53566-01, B/M

1. CHANGE ITEM 37

IS: P/N: 01-49419-03, QTY: 2

DESC: IC 74LS86, REF
DESIG: 55,63

WAS: P/N: 01-49600-8 QTY: 2

DESC: IC 74LS153, REF

DESIG: 55,63

2. CHANGE ITEM 28

IS: P/N: 01-49420-12, QTY: 1, DESC:

IC 74LS153, REF. DESIG: 42

WAS: P/N: 01-49600-14, QTY: 1, DESC:

IC SPECIAL, REF. DESIG: 42

TYPE	
AEN	<input type="checkbox"/>
STOP ORDER	<input type="checkbox"/>
DEVIATION	<input type="checkbox"/>
RELEASE	<input type="checkbox"/>
STANDARD	<input checked="" type="checkbox"/>
CLASS	
A-MAND/FUNC	<input type="checkbox"/>
B-NON-MAND/FUNC	<input checked="" type="checkbox"/>
C-RECORD CHG	<input type="checkbox"/>
AFFECTED ITEMS	
HARDWARE CHG.	<input checked="" type="checkbox"/> PRIM. <input type="checkbox"/> SEC.
SOFTWARE CHG.	<input type="checkbox"/>
PUBL. CHG.	<input type="checkbox"/>
CAPABLE CHG.	<input type="checkbox"/>
DOC. CHG.	<input type="checkbox"/> <input checked="" type="checkbox"/>
CONFIGURATIONS	<input type="checkbox"/>
PROCEDURES	<input type="checkbox"/>
TOOLING	<input type="checkbox"/>
TEST EQUIP.	<input type="checkbox"/>
EFFECTIVITY	
ACTIVITY	U R S P
NOTIFY VEND	<input checked="" type="checkbox"/>
IN STOCK	<input checked="" type="checkbox"/>
KITTING	<input checked="" type="checkbox"/>
ASSEMBLY	<input checked="" type="checkbox"/>
TOUCH UP	<input checked="" type="checkbox"/>
IPT	<input checked="" type="checkbox"/>
FIN GOODS	<input checked="" type="checkbox"/>
CUST. RET.	<input checked="" type="checkbox"/>
REWK TEST REQ'D	
CONTINUITY	<input type="checkbox"/>
CABLE SCAN	<input type="checkbox"/>
CAPABLE	<input type="checkbox"/>
MEMORY	<input type="checkbox"/>
CARD	<input type="checkbox"/>
FINAL	<input type="checkbox"/>
NO TEST REQ'D	<input checked="" type="checkbox"/>
APPROVALS	
ENGR.	<u>J. Ford</u>
SOFTWARE	<u>M. S.</u>
Q.A.	<u>M. S.</u>
CAP. TEST	<u>Drawn</u>
MAST SCHED	<u>CS</u>
MATERIALS	<u>CS</u>
TEST ENGR.	<u>Drawn</u>
TECH SERV	<u>RD</u>
CUST SERV	<u>SCM</u>
MFG. ENGR	<u>—</u>
PUBLICATIONS	<u>—</u>
DR. BY: K. FORD	15 DEC 81
CHKD. BY: R. Eastby	12 JAN 82
REL. BY: R. Eastby	
DATE: 13 Jan 82	

97 N

SHEET 1 OF 2

A. 70-53566-01, B/M
 3. CHANGE ITEM 16
 IS: P/N: 01-49420-03, QTY: 2, DESC: IC 74LS175, REF. DESIG: 58,13
 WAS: P/N: 01-49600-17, QTY: 2, DESC: IC SPECIAL, REF. DESIG: 58,13

4. CHANGE ITEM 27
 IS: P/N: 01-49420-14, QTY: 2, DESC: IC 74LS151, REF. DESIG: 41,66
 WAS: P/N: 01-49600-13, QTY: 2, DESC: IC SPECIAL, REF. DESIG: 41,66

5. CHANGE ITEM 21
 IS: P/N: 01-49420-05, QTY: 4, DESC: IC 745281, REF. DESIG: 24,25,26,27
 WAS: P/N: 01-49600-03, QTY: 4, DESC: IC SPECIAL, REF. DESIG: 24,25,26,27

6. CHANGE ITEM 18
 IS: P/N: 01-49420-01, QTY: 5, DESC: IC 74LS174, REF. DESIG: 114,15,16,75
 WAS: P/N: 01-49600-15, QTY: 5, DESC: IC SPECIAL, REF. DESIG: 114,15,16,75

B. 73-53566-XX, ASSY; 75-53566-XX, LOGIC
 1. CHANGE IC DESIGNATIONS PER B/M CHANGES
 LISTED ABOVE

C. UPGRADE REVISION LEVEL ONLY:
 74-53566-00, DETAIL



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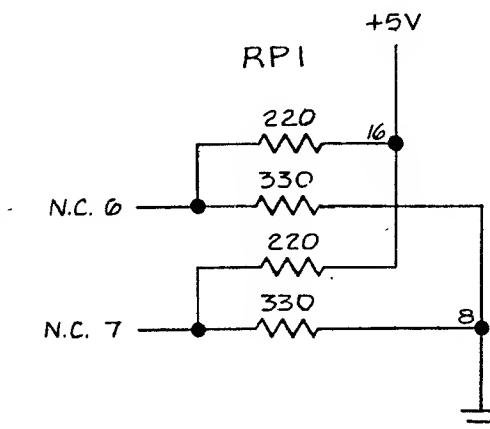
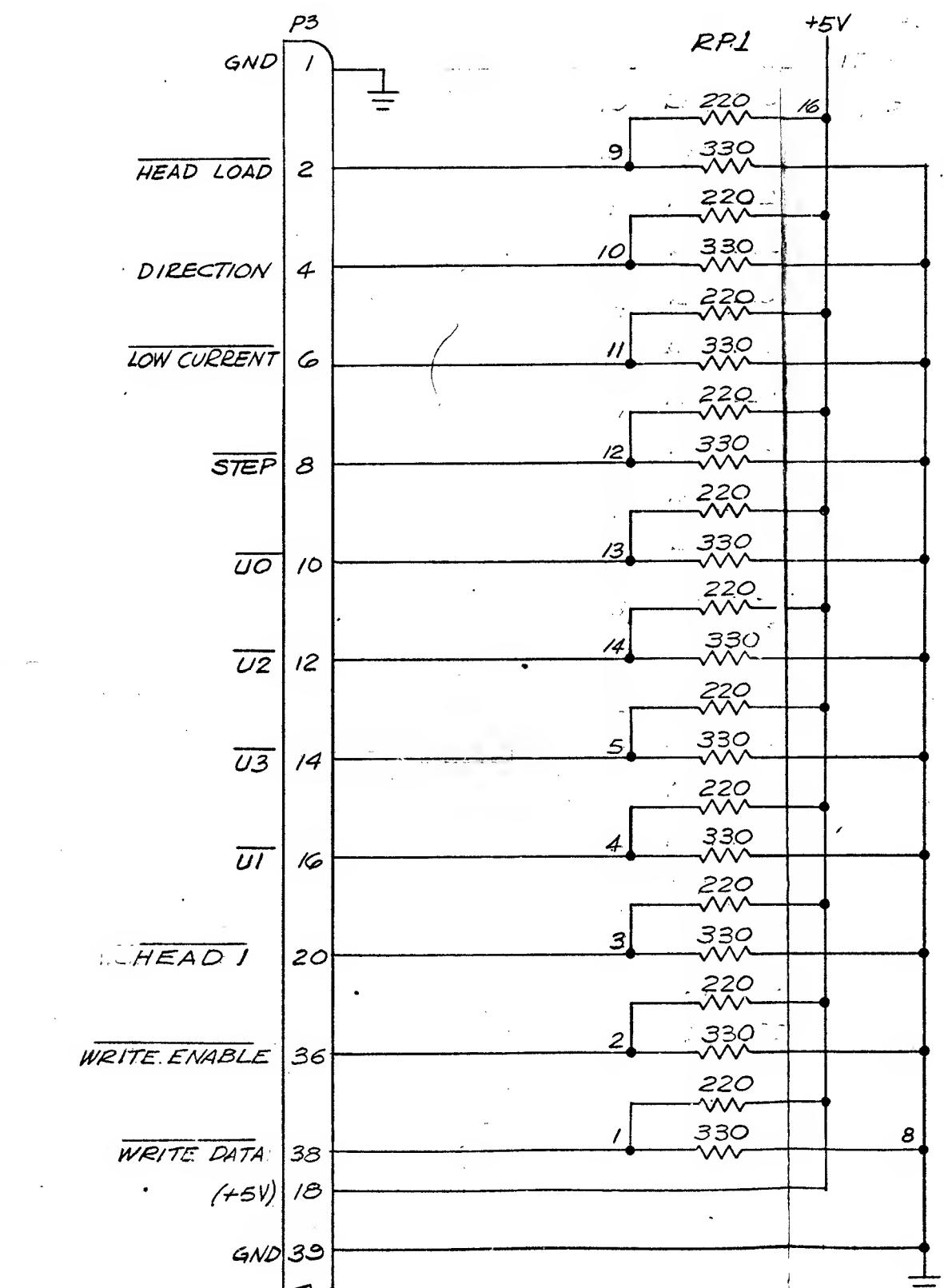
EN: 9616H

SHEET 2

OF 2

REVISIONS

REV	DESCRIPTION	DR	CH	DATE	APPROVAL
CO	PRODUCTION RELEASE PER EN:8288 R	KF	RE	22 MAY 80	PK 5/29/80



TABULATION BLOCK	
DASH NO.	DESCRIPTION
-02	BASIC

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NOTES UNLESS SPECIFIED	DR. G. FORD	SAYCO
1. TOLERANCES	CHK. P. Kennedy	5/27/80
.XX ±.03 ANGULAR	DSG. PK	5/27/80
.XXX ±.010	ENGR. F. Kennedy	5/29/80
2. BREAK ALL SHARP EDGES		
.010 APPROX.		
3. ALL DIM. IN INCHES		
DASH NO.	NEXT ASSEMBLY	
C	75-53611-XX	REV CO
DO NOT SCALE DRAWING		SCALE =
SHT. 1 OF 1		

3. ALL RESISTOR VALUES ARE IN OHMS, 2%, 1W.
2. LAST REF. DESIG. USED RPI, P3.
1. FOR LOGIC DWG. DASH NO. SEE TABULATION BLOCK.
NOTES: UNLESS OTHERWISE SPECIFIED

75-53611-XX CO